

PLUS search.  
AVC  
4-27-04

09931423\_CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returned

From A Search of 09931423 on April 27, 2004

7 165/42 (3 OR, 4 XR)  
Class 165 : HEAT EXCHANGE  
165/41 WITH VEHICLE FEATURE  
165/42 .Heating and cooling

7 165/43 (2 OR, 5 XR)  
Class 165 : HEAT EXCHANGE  
165/41 WITH VEHICLE FEATURE  
165/42 .Heating and cooling  
165/43 ..Vehicle contained common power and heat supply

7 237/2B (2 OR, 5 XR)  
Class 237 : HEATING SYSTEMS  
237/2R AUTOMATIC CONTROL  
237/2B .Heat source is a reverse cycle refrigerating system or heat pump

6 62/476 (1 OR, 5 XR)  
Class 062 : REFRIGERATION  
62/467 REFRIGERATION PRODUCER  
62/476 .Sorbent type

5 62/238.6 (1 OR, 4 XR)  
Class 062 : REFRIGERATION  
62/238.1 DISPARATE APPARATUS UTILIZED AS HEAT SOURCE OR ABSORBER  
62/238.6 .With vapor compression system

4 62/101 (2 OR, 2 XR)  
Class 062 : REFRIGERATION  
62/56 PROCESSES  
62/101 .Evaporation induced by sorption

4 62/159 (1 OR, 3 XR)  
Class 062 : REFRIGERATION  
62/132 AUTOMATIC CONTROL  
62/159 .Selective heating or cooling

4 62/160 (1 OR, 3 XR)  
Class 062 : REFRIGERATION  
62/132 AUTOMATIC CONTROL  
62/159 .Selective heating or cooling

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- 62/160 ..Reversible cycle machine
- 4 62/244 (1 OR, 3 XR)  
Class 062 : REFRIGERATION  
62/239 WITH VEHICLE FEATURE  
62/244 .Occupant-type vehicle
- 4 62/325 (1 OR, 3 XR)  
Class 062 : REFRIGERATION  
62/324.1 REVERSIBLE, I.E., HEAT PUMP  
62/325 .External fluid flow reversed
- 4 62/333 (2 OR, 2 XR)  
Class 062 : REFRIGERATION  
62/332 DIVERSE SYSTEMS, E.G., ICE AND MECHANICAL  
62/333 .Primary and secondary dependent circuits
- 4 165/104.14 (0 OR, 4 XR)  
Class 165 : HEAT EXCHANGE  
165/104.11 INTERMEDIATE FLUENT HEAT EXCHANGE MATERIAL  
RECEIVING AND DISCHARGING HEAT  
165/104.13 .Plural intermediate fluent heat exchange  
materials  
165/104.14 ..Always out of direct contact with each other
- 4 165/202 (2 OR, 2 XR)  
Class 165 : HEAT EXCHANGE  
165/200 WITH TIMER, PROGRAMMER, TIME DELAY, OR  
CONDITION RESPONSIVE CONTROL  
165/201 .Having heating and cooling capability  
165/202 ..Vehicle installation
- 3 62/180 (1 OR, 2 XR)  
Class 062 : REFRIGERATION  
62/132 AUTOMATIC CONTROL  
62/177 .Of external fluid or means  
62/178 ..Diverse control or response  
62/180 ...External fluid and refrigeration producer
- 3 62/238.3 (1 OR, 2 XR)  
Class 062 : REFRIGERATION  
62/238.1 DISPARATE APPARATUS UTILIZED AS HEAT SOURCE OR  
ABSORBER  
62/238.3 .With sorption
- 3 62/323.1 (0 OR, 3 XR)  
Class 062 : REFRIGERATION

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62/323.1 WITH INTERNAL-COMBUSTION ENGINE

3 62/434 (1 OR, 2 XR)  
     Class 062 : REFRIGERATION  
     62/430 INTERMEDIATE FLUID CONTAINER TRANSFERRING HEAT  
             TO HEAT ABSORBER OR HOLDOVER  
     62/434 .Flow line connected transfer fluid supply and  
             heat exchanger

3 62/90 (0 OR, 3 XR)  
     Class 062 : REFRIGERATION  
     62/56 PROCESSES  
     62/89 .Circulating external gas  
     62/90 ..With reheating

3 62/98 (3 OR, 0 XR)  
     Class 062 : REFRIGERATION  
     62/56 PROCESSES  
     62/98 .Fluid external of refrigeration producing  
             cycle

3 236/13 (0 OR, 3 XR)  
     Class 236 : AUTOMATIC TEMPERATURE AND HUMIDITY REGULATION

    236/12.1 MIXING FLUID OF DISSIMILAR TEMPERATURE  
     236/13 .Plenum type

3 237/12.3A (1 OR, 2 XR)  
     Class 237 : HEATING SYSTEMS  
     237/12.1 HEAT AND POWER PLANTS  
     237/12.3R .Vehicle  
     237/12.3A ..The heating is effected by circulated air

2 62/119 (1 OR, 1 XR)  
     Class 062 : REFRIGERATION  
     62/56 PROCESSES  
     62/119 .Condensing and evaporating

2 62/173 (0 OR, 2 XR)  
     Class 062 : REFRIGERATION  
     62/132 AUTOMATIC CONTROL  
     62/173 .Of external fluid reheating

2 62/196.4 (0 OR, 2 XR)  
     Class 062 : REFRIGERATION  
     62/132 AUTOMATIC CONTROL  
     62/190 .Refrigeration producer  
     62/196.1 ..Bypass, e.g., compressor unloading

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- 62/196.4      ...Condensor bypass
- 2    62/203      (0 OR, 2 XR)  
     Class    062 : REFRIGERATION  
     62/132      AUTOMATIC CONTROL  
     62/190      .Refrigeration producer  
     62/203      ..Plural refrigerating producing elements and  
                 plural sensors
- 2    62/228.4    (0 OR, 2 XR)  
     Class    062 : REFRIGERATION  
     62/132      AUTOMATIC CONTROL  
     62/190      .Refrigeration producer  
     62/228.1    ..Compressor or its drive controlled  
     62/228.4    ...By variable speed motor or pulley type  
                 mechanism
- 2    62/228.5    (0 OR, 2 XR)  
     Class    062 : REFRIGERATION  
     62/132      AUTOMATIC CONTROL  
     62/190      .Refrigeration producer  
     62/228.1    ..Compressor or its drive controlled  
     62/228.5    ...By variable compressor output, e.g.,  
                 unloading, staging, etc.
- 2    62/243      (0 OR, 2 XR)  
     Class    062 : REFRIGERATION  
     62/239      WITH VEHICLE FEATURE  
     62/243      .Vehicle contained common power supply
- 2    62/324.6    (2 OR, 0 XR)  
     Class    062 : REFRIGERATION  
     62/324.1    REVERSIBLE, I.E., HEAT PUMP  
     62/324.6    .With flow control or compressor details
- 2    62/335      (0 OR, 2 XR)  
     Class    062 : REFRIGERATION  
     62/335      PLURAL PAIRED DIFFERENT FUNCTION REFRIGERATION  
                 PRODUCING ELEMENTS, E.G., CASCADE
- 2    62/412      (0 OR, 2 XR)  
     Class    062 : REFRIGERATION  
     62/404      GAS CONTROLLER OR DIRECTOR  
     62/407      .Cooled gas directed relative to cooled  
                 enclosure  
     62/410      ..Exterior port, i.e., ventilating  
     62/412      ...Inlet and outlet ports

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- 2 62/435 (1 OR, 1 XR)  
     Class 062 : REFRIGERATION  
     62/430 INTERMEDIATE FLUID CONTAINER TRANSFERRING HEAT  
             TO HEAT ABSORBER OR HOLDOVER  
     62/435 .With indirect fluid pump or agitator
- 2 62/485 (0 OR, 2 XR)  
     Class 062 : REFRIGERATION  
     62/467 REFRIGERATION PRODUCER  
     62/476 .Sorbent type  
     62/485 ..Means causing cooling fluid contact with  
             sorber and/or condenser
- 2 62/497 (0 OR, 2 XR)  
     Class 062 : REFRIGERATION  
     62/467 REFRIGERATION PRODUCER  
     62/476 .Sorbent type  
     62/497 ..With means to enhance separations in  
             generator
- 2 62/503 (0 OR, 2 XR)  
     Class 062 : REFRIGERATION  
     62/467 REFRIGERATION PRODUCER  
     62/498 .Compressor-condenser-evaporator circuit  
     62/503 ..With liquid trap or disperser in suction lin  
     e
- 2 62/506 (1 OR, 1 XR)  
     Class 062 : REFRIGERATION  
     62/467 REFRIGERATION PRODUCER  
     62/498 .Compressor-condenser-evaporator circuit  
     62/506 ..External cooling fluid contacts heat rejecto  
     r
- 2 62/95 (0 OR, 2 XR)  
     Class 062 : REFRIGERATION  
     62/56 PROCESSES  
     62/89 .Circulating external gas  
     62/95 ..Plural cooling, e.g., precooling by exhaust
- 2 165/104.12 (2 OR, 0 XR)  
     Class 165 : HEAT EXCHANGE  
     165/104.11 INTERMEDIATE FLUENT HEAT EXCHANGE MATERIAL  
                 RECEIVING AND DISCHARGING HEAT  
     165/104.12 .Reversible chemical reaction

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- 2 165/104.21 (0 OR, 2 XR)
  - Class 165 : HEAT EXCHANGE
  - 165/104.11 INTERMEDIATE FLUENT HEAT EXCHANGE MATERIAL  
RECEIVING AND DISCHARGING HEAT
  - 165/104.19 .Liquid fluent heat exchange material
  - 165/104.21 ..Utilizing change of state
  
- 2 236/91E (0 OR, 2 XR)
  - Class 236 : AUTOMATIC TEMPERATURE AND HUMIDITY REGULATION
  - 236/67 MOTORS
  - 236/91R .Hot and cold
  - 236/91E ..Plural room or plural outside thermostat
  
- 2 236/91F (0 OR, 2 XR)
  - Class 236 : AUTOMATIC TEMPERATURE AND HUMIDITY REGULATION
  - 236/67 MOTORS
  - 236/91R .Hot and cold
  - 236/91F ..With at least one temperature sensor for  
temperature modifying media
  
- 2 237/2A (0 OR, 2 XR)
  - Class 237 : HEATING SYSTEMS
  - 237/2R AUTOMATIC CONTROL
  - 237/2A .Automatic heating systems with controls
  
- 2 454/75 (1 OR, 1 XR)
  - Class 454 : VENTILATION
  - 454/69 VEHICLE (E.G., AUTOMOBILE, ETC.)
  - 454/75 .Having automatic control means